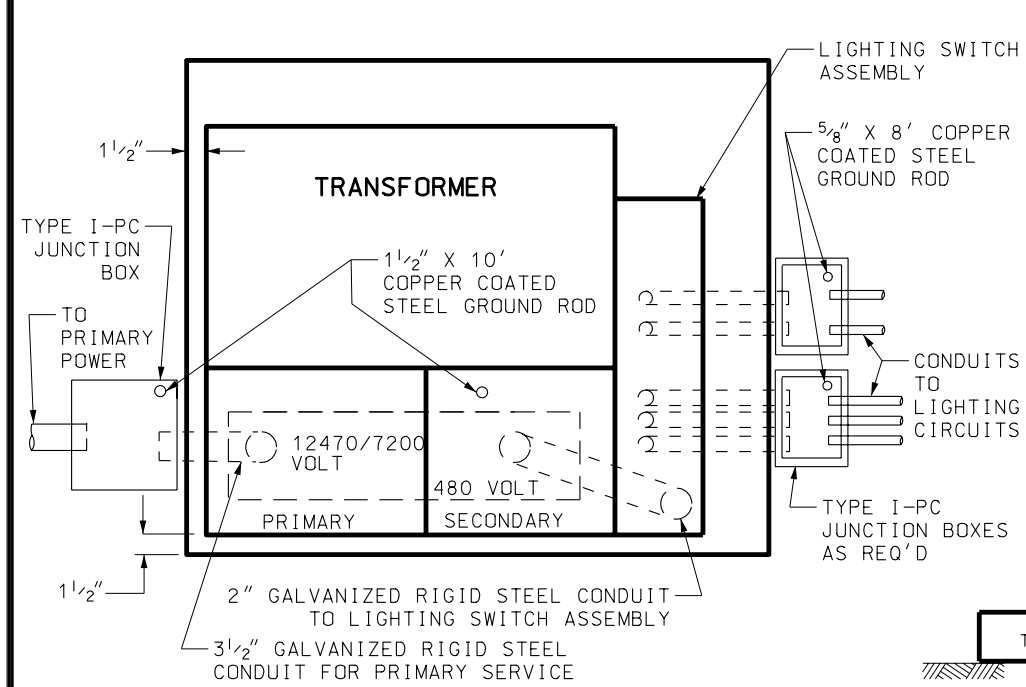
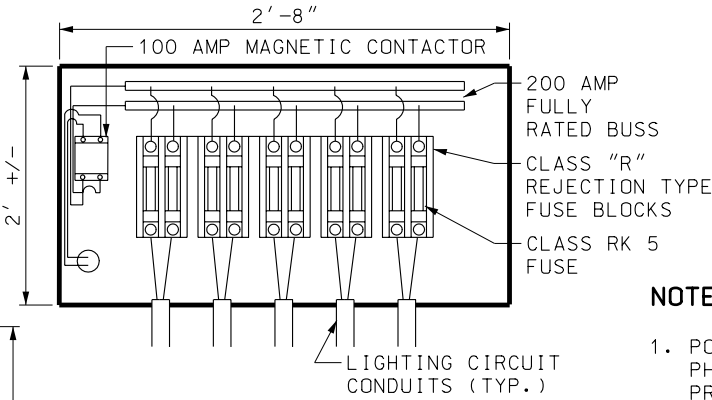
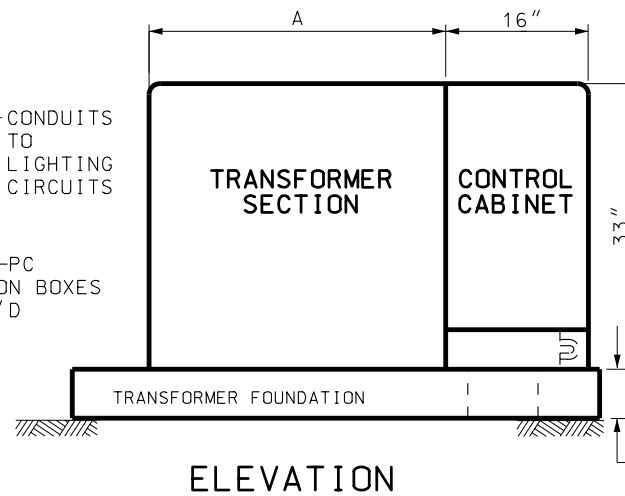


15-DEC-2024 D:\Filer\N\Lead\Standard Drawings\Imperial\2025\Approved\Signals (SL)\val18.dgn

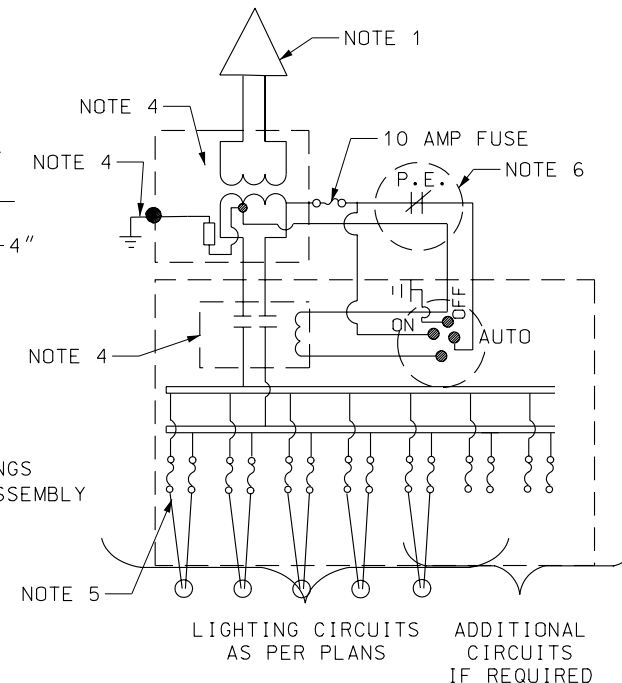


DIMENSION "A"		
25 TO 50 KVA	75 KVA	100 KVA
33"	40"	40"

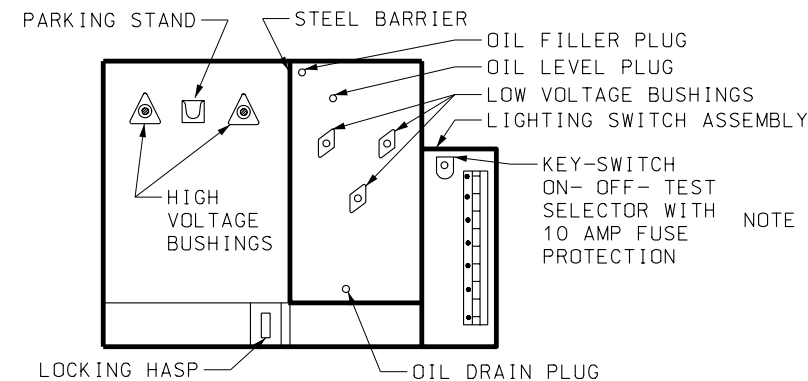
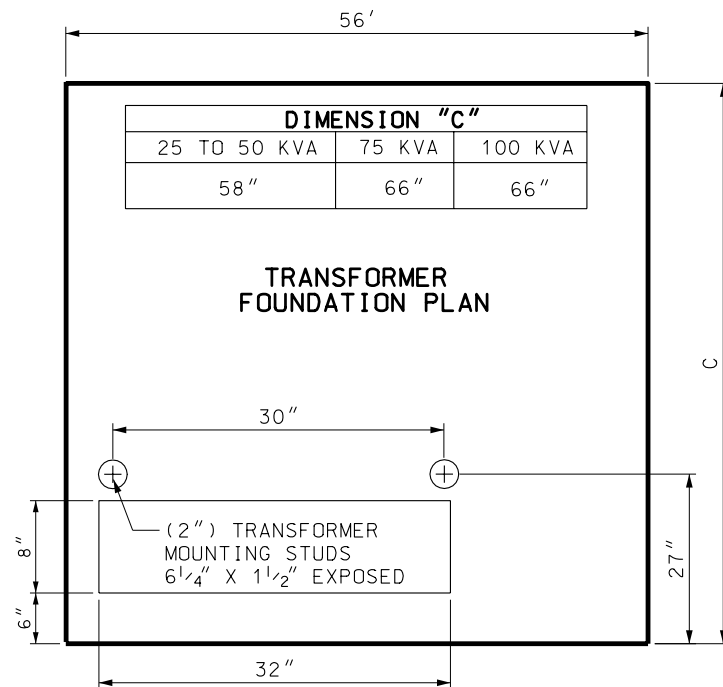


NOTES:

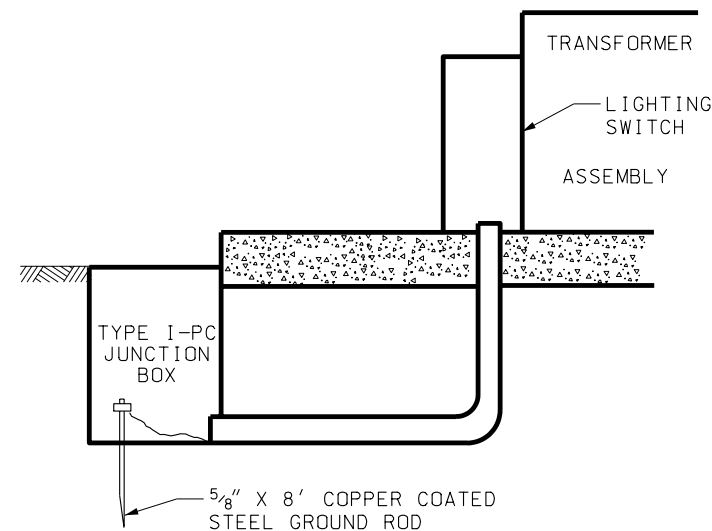
1. POWER COMPANY SERVICE POINT. SINGLE PHASE VOLTAGE WITH DISCONNECTING PROVISIONS. POWER COMPANY TO RUN UNDER GROUND CABLE CONNECTION IN CONTRACTOR FURNISHED TRENCH TO TRANSFORMER HIGH VOLTAGE TERMINALS. A-CONTACT SERVING POWER COMPANY TO VERIFY PRIMARY VOLTAGE AND TYPE OF CONNECTION. B-NOTIFY SERVING POWER COMPANY A MINIMUM OF 24 HOURS IN ADVANCE OF DESIRED POWER SOURCE CONNECTION.
2. GROUND TRANSFORMER FRAME.
3. FOUNDATION MOUNTED TRANSFORMER WITH DEAD FRONT DESIGN.
4. LIGHTING SWITCH ASSEMBLY WITH LOAD FUSE BLOCK, FUSES, AND CONDUITS FOR LIGHTING CIRCUITS AS PER PLANS.
5. INDIVIDUAL LIGHTING CIRCUITS TO TYPE I DOUBLE JUNCTION BOXES.
6. PHOTO ELECTRIC CONTROL AND MOUNTING RECEPTACLE: STRAP MOUNTED AT TOP OF NEAREST LIGHT POLE (INCLUDE CONTROL CIRCUIT IN LIGHTING CIRCUIT CONDUIT) OR MOUNTED 10 FEET HIGH ON 2 INCH DIA. GALVANIZED RIGID STEEL PIPE LOCATED NEXT TO TRANSFORMER.
7. POWER POLE MOUNTED LIGHTNING ARRESTERS REQUIRED.
8. PROVIDE WELL DRAINED TRANSFORMER PAD LOCATION. EXACT LOCATION OF PAD AND JUNCTION BOXES DETERMINED BY ENGINEER.



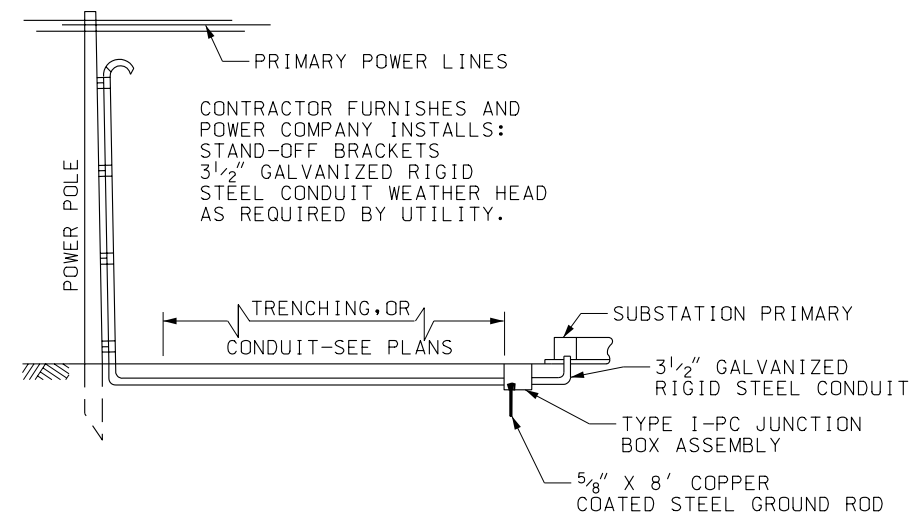
SCHEMATIC CONNECTION DIAGRAM



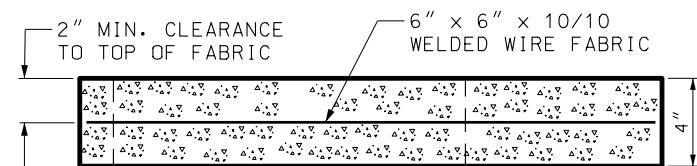
FRONT VIEW, DOOR OPEN



SIDE VIEW



PRIMARY POWER SOURCE DETAIL



REINFORCED CONCRETE

REVISIONS

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION

RECOMMENDED FOR APPROVAL
CHAIRMAN STANDARDS COMMITTEE
APPROVED
DEPUTY DIRECTOR
JAN.01.2005
DATE
JAN.01.2005
DATE

SINGLE TRANSFORMER
SUBSTATION
DETAILS

STANDARD DRAWING TITLE

STD DWG
SL 18